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TECH CENTER 1600/2900

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PATENT & TRADEMARK OFFICE

TCTGCCTACCCGTTGGCCTGACTCAATATAGCGATTACATCTACTGGACTGACTGGAA  
CCTGCATAGCATTGAACGGGGCGAACAGACCGAGTGGCGGAACCGCACCTCATCCAGGG  
TCACCTGGACTTCGTATGGACATCCTGGTGTCCACTCCTCCCGTCAGGATGGCCTCAA  
CGACTGCGTGCACAGCAATGGCAGTGTGGCAGCTGCTGCCATCCCCGGAGGCCA  
CCGCTGTGGCTGCTTCACACTACACGCTGGACCCAGCAGCCGAACTGCAGCCC  
CTCCACCTCTGTGTTCAAGCCAGAAATTGCCATCAGCCGATGATCCCCGATGACCA  
GCTCAGCCCGGACCTGTCTTACCCCTCATGGGCTGAGGAACGTCAAAGCCATCAACTA  
TGACCCGCTGGACAAGTTCATCTACTGGGTGGACGGGCGCAGAACATCAAGAGGGCAA  
GGACGACGGTACCCAGCCCTCCATGCTGACCTCTCCAGCCAAGCCTGAGCCCAGACAG  
ACAGCCACACGACCTCAGCATTGACATCTACAGCCGACACTGTTCTGACCTGTGAGGC  
CACCAACACTATCAATGTCCACCGGCTGGATGGGATGCCATGGGAGTGGTGTGAGG  
GGACCGTGAACAAGCCAAGGGCATTGCTGTAATGCTGAGCGAGGGTACATGTTAC  
CAACATGCGAGGACCATGCTGCCAAGATCGAGCAGGCTCCCTGGATGGCACAGAGCGGG  
GGTCCTCTTCAACACAGGCCATCCGCTCCGTGGCCCTTGTGGTGGACAATGCTCTGG  
CAAGCTCTCTGGGTGGATGCCAACCTAAAGCGAACATCGAAAGCTGTGACCTCTG [GGG  
CCAACCGCCTGACCTGGAAGATGCCAACATCGTACAGCCAGTAGGTCTGACAGTGTGG  
GCAGGCACCTCTACTGGATCGACCGCCAGCAGCAGATGATCGAGCGTGGAGAACCC]  
ACTGGGACAAGCGGACTAGGGTTCAAGGCCGTGCACCCACC [TGACAGGCATCCATGC  
CGTGGAGGAAGTCAGCCTGGAGGAGTTCT] CAGCCCACATCCTTGCCCGAGACAATGGCG  
GCTGCTCCACATCTGTATGCCAACGGGTGATGGAACACCGCGCTGCTGCTGCCCTGTCC  
ACCTGGTGCTCTGCAGAACCTGCTGACTTGTGGTGAGCCTCCTACCTGCTCCCTGTATC  
AGTTGCTGATGACCTGGTGGAGATCGACTGCATCCCCGGAGCCTGGCGCTGTGACGGCT  
TCCCTGAGTGTGCTGACCAGAGTGTGAAGAAGGCTGCCAGTGTGCTCCGCTCTCAGT  
TCCCCTGCGCTCGAGGCCAGTGTGTGGACCTGCGGTTACGCTGCGACGGTGAGGCC  
GCCAGGATCGCTCTGATGAAGCTAACCGCGATGCTGCTGCTGCCAATCAGTTCCGGT  
GCACCCAGGCCAGTGTCTTCATCAAGCAACAGTGTGACTCCTCCCGACTGTGCTG  
ATGGGTCTGATGAGCTCATGTTGATCATCCTCTCCCTCTGATGACATCCCAGGCC  
ACAGCAGTGCCATTGGGCCGTGATTGGTATCATCCTCTCCCTCTGATGAGCTCATGGCGGG  
TCTACTTTGTCGCCAGCGTGTGATGTGCCAGCGCTACACAGGGCCAGTGGGCCCTTC  
CCCACGAGTATGTTGGGGAGGCCCTCATGTCCTCTCAACTTCATAGCCCCAGGTGGCT  
CACAGCACGGTCCCTCCCAGGCATCCCGTGCAGCAAGTCCGTGATGAGCTCATGAGCC  
TGGTGGGGGGCGCGCAGCGTGGCCCTCTATGACCGGAATCACGTCACTGGGCCCTCAT  
CCAGCAGCTCGTCAGCACAAGGCCACACTATATCCGCGATCTGAACCCACCCCGT  
CCCCGGCCACAGACCCCTCTCTACAACAGTGGACGTGTTTATTCAGGCATCCCG  
CCACCGCTAGACCATACAGGCCCTACGTCTTGTGAGCTACAGCATCGCTGGAGAGCAG  
GCAGCACAGATGTTGAGCTACAGCATCGCTGGAGAGCAGCAAATACT  
ACCTGGACTTGAATTGGACTCAGACCCCTACCCCCCCCAGCCACCCCCACAGCCAGT  
ACCTATCTGCAGAGGACAGCTGCCCACCCCTACCGAGCACTGAGAGGAGTTACTGCCACC  
TCTTCCGCCCTACCGTCCCCCTGCACGGACTCGCTCTGACCTCGGCCGTCACCCGGC  
CCTGCTGCCCTCCCTGTAATATTTAAATATGAACAAAGGAAAATATATTTATGATT  
AAAAAAATAATAATTGGGTTTTAACAAAGTGAAGAAATGTGAGCGGTGAAGGGGTGG  
GCAGGGCTGGAAACTTTCTAG (SEQ ID NO: 1)

Gene Sequence  
Structure \*

3659 bp

Sequence Deleted

3701 bp

Size of full-length  
cDNA: 5119 bp



FIGURE 3B